

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Spring 2017 Levee Inspection Results

Reclamation District No. 2104 Peters Pocket Tract

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2017 Levee Inspection Results

Reclamation District No. 2104 Peters Pocket Tract

Waterway			Bank	Unit Miles
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough			Left	6.85
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/12/2017 - 4/12/2017			
DWR Inspector	Herman Phillips			
Accompanied By	Chris Nieder RD 2104			

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start		Rating **	M	Issue No.	12
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_RD2104_01_s_2012_12				
Comment Code					
Inspector Comment					
District needs to have their staff flood fight trained.					

No Photos

LM Start		Rating **	A	Issue No.	14
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_RD2104_01_f_2012_14				
Comment Code					
Inspector Comment					
District has the O+M Manual on hand.					

No Photos

LM Start		Rating **	M	Issue No.	40
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_RD2104_01_s_2012_40				
Comment Code					
Inspector Comment					
District needs to have flood fight supplies in storage.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	0.01	Rating **	M	Issue No.	11	
LM End	0.88	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.308100 °		38.299327 °
				-121.758573 °		-121.749800 °
DWR ID	DWR_RD2104_01_s_2017_11					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						

Photo 1 of 1 : SP_2017_RD2104_249_11_20170523_00042.jpg



RD 2104 Looking downstream from 0.00 -0.88.

LM Start	0.01	Rating **	U	Issue No.	17
LM End	5.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.308090 °	38.324538 °
				-121.758615 °	-121.758098 °
DWR ID	DWR_RD2104_01_f_2016_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Control annual grasses and weeds on the waterside slope.					

Photo 1 of 1 : SP_2017_RD2104_249_17_20170518_00039.jpg



RD 2104 Waterside levee slope levee mile 0.01-1.43.

LM Start	0.02	Rating **	U	Issue No.	18
LM End	6.84	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.308053 °	38.308433 °
				-121.758557 °	-121.758533 °
DWR ID	DWR_RD2104_01_f_2016_18				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Keep the crown roadway vegetation free.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	0.17	Rating **	M	Issue No.	20
LM End	6.84	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.306052 °	38.308433 °
				-121.757582 °	-121.758533 °
DWR ID	DWR_RD2104_01_f_2016_20				
Comment Code					
C1 : Add appropriate material and re-grade the levee to bring the crown above the design elevation.					
Inspector Comment					
Add appropriate material, re-grade and compact for proper drainage. (Where needed, AND keep live stock off the crown roadway particularly during rainy weather					

No Photos

LM Start	0.88	Rating **	U	Issue No.	26
LM End	5.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.299327 °	38.324538 °
				-121.749802 °	-121.758098 °
DWR ID	DWR_RD2104_01_s_2017_26				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
No maintenance has been done to the levee section from levee mile 0.88-5.72.					

Photo 1 of 1 : SP_2017_RD2104_249_26_20170523_00043.jpg



RD 2104 Looking downstream from levee mile 0.88- 5.72.

LM Start	1.20	Rating **	U	Issue No.	22
LM End	1.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.296615 °	38.296615 °
				-121.745372 °	-121.745372 °
DWR ID	DWR_RD2104_01_f_2016_22				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Make the repairs to the erosion site listed on the waterside slope.					

Photo 1 of 1 : SP_2017_RD2104_249_22_20170404_00002.jpg



RD 2104 Levee mile 1.20 waterside slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	1.27	Rating **	M	Issue No.	23
LM End	1.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.296182 °	38.296182 °
				-121.744318 °	-121.744318 °
DWR ID	DWR_RD2104_01_f_2016_23				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Repair the slope damaged by cows and trim up the tree limbs partially blocking the erosion site.					

Photo 1 of 1 : SP_2017_RD2104_249_23_20170404_00003.jpg



RD 2104 Levee mile 1.27 wateside.

LM Start	1.57	Rating **	M	Issue No.	44
LM End	1.57	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.294117 °	38.294117 °
				-121.740385 °	-121.740385 °
DWR ID	DWR_RD2104_01_f_2014_44				
Comment Code					
Inspector Comment					
Repair the damaged gate.					

No Photos

LM Start	1.93	Rating **	M	Issue No.	16
LM End	1.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.292027 °	38.291947 °
				-121.734575 °	-121.734453 °
DWR ID	DWR_RD2104_01_s_2012_16				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

Photo 1 of 1 : UCIP_SP_2017_41347_45043.jpg



Pipe debris on WS berm.

Photo 1 of 3 : UCIP_SP_2017_41834_45069.jpg



12/04/2018

Sign on WS berm.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	3.04	Rating **	M	Issue No.	122 (cont)
LM End	3.04	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.299447 °	38.299447 °
				-121.730444 °	-121.730444 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41834 DS_ID:24720 EP_NO: 14184 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Signs in disrepair and need proper markings. FIELD_STRUCT_DESC: 6-inch steel gasoline through the levee 3-feet below the crown. Signs on LS and WS toe. FS Date: 12/4/2013					

Photo 2 of 3 : UCIP_SP_2017_41834_45068.jpg



Sign post on LS toe.

LM Start	3.04	Rating **	M	Issue No.	122 (cont)
LM End	3.04	Issue Type +	En	Location *	WS

Photo 3 of 3 : UCIP_SP_2017_41834_45070.jpg



Broken sign marker on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	3.06	Rating **	M	Issue No.	46
LM End	3.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.299679 °	38.299679 °
				-121.730469 °	-121.730469 °
DWR ID	DWR_RD2104_01_s_2012_46				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Note and monitor the erosion site.					

No Photos

LM Start	3.12	Rating **	M	Issue No.	119
LM End	3.12	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.300600 °	38.300600 °
				-121.730432 °	-121.730432 °
DWR ID	DWR_RD2104_01_f_2014_119				
Comment Code					
Inspector Comment					
Repair the damaged gate.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	3.12	Rating **	M	Issue No.	123
LM End	3.12	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.300605 °	38.300605 °
				-121.730440 °	-121.730440 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:24992 DS_ID:24707 EP_NO: 4412 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Heavy vegetation at concrete headwall on LS toe and at possible outlet area on WS toe. If possible, vegetation should be cleared to check if this is an accurate location. Erosion around backside of headwall at LS toe. FIELD_STRUCT_DESC: 4 x 4 concrete culvert through the levee 17.0-feet below the crown. Originally included in O+M manual, 1964. Concrete headwall on LS toe. FS Date: 12/4/2013					

LM Start	3.12	Rating **	M	Issue No.	123 (cont)
LM End	3.12	Issue Type +	En	Location *	CR

Photo 1 of 3 : UCIP_SP_2017_24992_45051.jpg



Vegetation covering possible location for 4X4 concrete culvert at LS toe.

Photo 2 of 3 : UCIP_SP_2017_24992_45050.jpg



Vegetation covering possible location for 4X4 concrete culvert at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	3.12	Rating **	M	Issue No.	123 (cont)
LM End	3.12	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.300605 °	38.300605 °
				-121.730440 °	-121.730440 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:24992 DS_ID:24707 EP_NO: 4412 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Heavy vegetation at concrete headwall on LS toe and at possible outlet area on WS toe. If possible, vegetation should be cleared to check if this is an accurate location. Erosion around backside of headwall at LS toe. FIELD_STRUCT_DESC: 4 x 4 concrete culvert through the levee 17.0-feet below the crown. Originally included in O+M manual, 1964. Concrete headwall on LS toe. FS Date: 12/4/2013					

Photo 3 of 3 : UCIP_SP_2017_24992_45049.jpg



Some erosion on levee side of headwall at LS toe.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	4.01	Rating **	U	Issue No.	124
LM End	4.01	Issue Type +	Ma	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.310873 °	38.310873 °
				-121.736189 °	-121.736189 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:51640
DS_ID:24706
EP_NO: 10183
Repair Type: Urgent
Crossing Status: Found
UCIP Comments: 12/06/2016 Pipe has been replaced with PVC pipe. The crossing is non-functional due to pipe not attached to new pump. Need to contact owner. Owner will need to coordinate with CVFPB regarding the modifications made to this crossing (modifications include pipe replacement, material used for pipe replacement, and debris left from construction on levees). (O. Magana - DWR UCIP)12/04/2013
Pipe rusted through on WS berm. Siphon breaker in CMP riser blocked by riser misalignment. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: *REMOVED* 12-inch steel drainpipe through the levee, 4 feet below the crown. Pump on pile structure in drainage ditch is located on the landside (LS). One corrugated metal cutoff wall and a siphon breaker in a 24-inch corrugated metal pipe (CMP) riser located on the waterside (WS) shoulder. Flap gate is located on the WS end. (12-inch pipe removed in 2016 no permit found authorizing work; 12-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 10183, 1974 - Miller) [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual Unit 108, April 1964, As-built drawing no. 50-04-3379 (HLM 4.32)].
FS Date: 12/6/2016

LM Start	4.01	Rating **	U	Issue No.	124 (cont)
LM End	4.01	Issue Type +	Ma	Location *	CR

Photo 1 of 3 : UCIP_SP_2017_51640_45056.jpg



Pump on pier off LS toe at ponding area. power pole and meter on LS toe.

Photo 2 of 3 : UCIP_SP_2017_51640_45055.jpg



Siphon breaker in CMP riser on WS slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	4.01	Rating **	U	Issue No.	124 (cont)
LM End	4.01	Issue Type +	Ma	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.310873 °	38.310873 °
				-121.736189 °	-121.736189 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51640 DS_ID:24706 EP_NO: 10183 Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/06/2016 Pipe has been replaced with PVC pipe. The crossing is non-functional due to pipe not attached to new pump. Need to contact owner. Owner will need to coordinate with CVFPB regarding the modifications made to this crossing (modifications include pipe replacement, material used for pipe replacement, and debris left from construction on levees). (O. Magana - DWR UCIP)12/04/2013 Pipe rusted through on WS berm. Siphon breaker in CMP riser blocked by riser misalignment. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *REMOVED* 12-inch steel drainpipe through the levee, 4 feet below the crown. Pump on pile structure in drainage ditch is located on the landside (LS). One corrugated metal cutoff wall and a siphon breaker in a 24-inch corrugated metal pipe (CMP) riser located on the waterside (WS) shoulder. Flap gate is located on the WS end. (12-inch pipe removed in 2016 no permit found authorizing work; 12-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 10183, 1974 - Miller) [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual Unit 108, April 1964, As-built drawing no. 50-04-3379 (HLM 4.32)]. FS Date: 12/6/2016					

Photo 3 of 3 : UCIP_SP_2017_51640_45054.jpg



Siphon breaker in CMP riser blocked by the risers misalignment.

LM Start	4.01	Rating **	U	Issue No.	120
LM End	4.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.310912 °	38.310912 °
				-121.736172 °	-121.736172 °
DWR ID	DWR_RD2104_01_f_2014_120				
Comment Code					
PI : Pipe					
Inspector Comment					
This pipe was written up during the inspection 2014. Unauthorized repairs, unacceptable plastic pipe and repairs done without CVFPB Permit.					

Photo 1 of 2 : SP_2017_RD2104_249_120_20170404_00007.jpg



View of unauthorized pipe through levee crown roadway leading to the pump in raised wooden structure in irrigation ditch landward.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

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Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	4.01	Rating **	U	Issue No.	120 (cont)
LM End	4.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.310912 °	38.310912 °
				-121.736172 °	-121.736172 °
DWR ID	DWR_RD2104_01_f_2014_120				
Comment Code					
PI : Pipe					
Inspector Comment					
This pipe was written up during the inspection 2014. Unauthorized repairs, unacceptable plastic pipe and repairs done without CVFPB Permit.					

Photo 2 of 2 : SP_2017_RD2104_249_120_20170404_00008.jpg



View of unauthorized pipe work, waterside slope. The siphon breaker broken off coupling.

LM Start	4.31	Rating **	M	Issue No.	125
LM End	4.31	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.313955 °	38.313955 °
				-121.739930 °	-121.739930 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51459 DS_ID:24705 EP_NO: 10182 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 12/06/2016 Crossing has been downgraded from "Urgent" to "Non-Urgent" no signs of leaks observed along pipe alignment (limited inspection on WS toe). According to LMA representative, this crossing was replaced 6 years ago (2010) at WS concrete apron. Recommend conducting internal inspection of pipe through the levee and LS to determine pipe integrity. (O. Magana - DWR UCIP)12/04/2013 Vegetation and soil buildup throughout pipe preventing flapgate from closing. Remove vegetation to allow gate to close properly. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. 36-inch concrete standpipe located on the landside (LS) toe. Flapgate located on the waterside (WS) toe. Two corrugated metal (CM) cut of walls installed. (24-inch pipe authorized [HLM 4.65] under Automatic Board Order (ABO) issued as Permit No. 10182, 1974 - Machado) [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual Unit 108, April 1964, Asbuilt Dwg. 50-04-3379 (HLM 4.65)]. FS Date: 12/6/2016					

Photo 1 of 3 : UCIP_SP_2017_51459_45062.jpg



CMP pipe and flapgate off WS toe.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	4.31	Rating **	M	Issue No.	125 (cont)
LM End	4.31	Issue Type +	Ma	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.313955 °	38.313955 °
				-121.739930 °	-121.739930 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:51459
DS_ID:24705
EP_NO: 10182
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: 12/06/2016 Crossing has been downgraded from "Urgent" to "Non-Urgent" no signs of leaks observed along pipe alignment (limited inspection on WS toe). According to LMA representative, this crossing was replaced 6 years ago (2010) at WS concrete apron. Recommend conducting internal inspection of pipe through the levee and LS to determine pipe integrity. (O. Magana - DWR UCIP)12/04/2013 Vegetation and soil buildup throughout pipe preventing flapgate from closing. Remove vegetation to allow gate to close properly. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe through the levee, 15 feet below the crown. 36-inch concrete standpipe located on the landside (LS) toe. Flapgate located on the waterside (WS) toe. Two corrugated metal (CM) cut of walls installed. (24-inch pipe authorized [HLM 4.65] under Automatic Board Order (ABO) issued as Permit No. 10182, 1974 - Machado) [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual Unit 108, April 1964, Asbuilt Dwg. 50-04-3379 (HLM 4.65)].
FS Date: 12/6/2016

LM Start	4.31	Rating **	M	Issue No.	125 (cont)
LM End	4.31	Issue Type +	Ma	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_51459_45061.jpg



36-inch concrete riser on LS toe at channel.

Photo 3 of 3 : UCIP_SP_2017_51459_45060.jpg



36-inch concrete riser with vegetation buildup inside.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	4.65	Rating **	M	Issue No.	126
LM End	4.65	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.317941 °	38.317941 °
				-121.743503 °	-121.743503 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:25003 DS_ID:24704 EP_NO: 10182 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Sign on WS toe needs repair. FIELD_STRUCT_DESC: 8-inch gas line through levee at high elevation. Sign on WS and LS toe. (ABO No. 10182 - Machado) Asbuilt Dwg. 50-04-3379. FS Date: 12/4/2013					

Photo 1 of 2 : UCIP_SP_2017_25003_45081.jpg



Gasline marker on LS toe.

Photo 2 of 2 : UCIP_SP_2017_25003_45080.jpg



Sign pole on WS toe missing sign.

LM Start	4.65	Rating **	M	Issue No.	126 (cont)
LM End	4.65	Issue Type +	En	Location *	LS

* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable
 M : Minimally Acceptable
 U : Unacceptable
 N : Not Inspected/Rated
 C : Corrected
 A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	4.67	Rating **	M	Issue No.	127
LM End	4.67	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.318119 °	38.318119 °
				-121.743730 °	-121.743730 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:25005					
DS_ID:24703					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Good candidate for video inspection.					
FIELD_STRUCT_DESC: 18-inch steel irrigation pipe through the levee					
13.5-feet below the crown. Pump on pile structure in stream. Slide gate					
in 36-inch CMP riser on waterward slope. Two cutoff walls. Concrete					
"U" headwall and air vent at toe of landward slope. Asbuilt Dwg. 50-04-					
3379. Electrical conduit through levee at same location.					
FS Date: 12/4/2013					

Photo 1 of 2 : UCIP_SP_2017_25005_45083.jpg



Concrete headwall on LS toe at irrigation ditch.

LM Start	4.67	Rating **	M	Issue No.	127 (cont)
LM End	4.67	Issue Type +	En	Location *	LS

Photo 2 of 2 : UCIP_SP_2017_25005_45082.jpg



Slide gate in CMP riser on WS slope with pump on pier in background.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	4.72	Rating **	M	Issue No.	128
LM End	4.72	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.318432 °	38.318432 °
				-121.744540 °	-121.744540 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:25006					
DS_ID:24702					
EP_NO: 10182					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Minor erosion of base under headwall on WS toe.					
Heavy corrosion of pipe at WS toe. Further evaluation of pipe integrity needed.					
FIELD_STRUCT_DESC: 24-inch CMP drain pipe through the levee					
13.5-feet below the crown. Concrete "U" headwalls on both ends. Two					
C.M. cutoff walls. Flap gate on waterward end. (ABO No. 10182 -					
Machado)					
FS Date: 12/4/2013					

Photo 1 of 3 : UCIP_SP_2017_25006_45086.jpg



Concrete U shaped headwall on WS toe.

LM Start	4.72	Rating **	M	Issue No.	128 (cont)
LM End	4.72	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_25006_45085.jpg



Concrete U shaped headwall on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	4.72	Rating **	M	Issue No.	128 (cont)	
LM End	4.72	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.318432 °		38.318432 °
				-121.744540 °		-121.744540 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:25006						
DS_ID:24702						
EP_NO: 10182						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Minor erosion of base under headwall on WS toe.						
Heavy corrosion of pipe at WS toe. Further evaluation of pipe integrity						
needed.						
FIELD_STRUCT_DESC: 24-inch CMP drain pipe through the levee						
13.5-feet below the crown. Concrete "U" headwalls on both ends. Two						
C.M. cutoff walls. Flap gate on waterward end. (ABO No. 10182 -						
Machado)						
FS Date: 12/4/2013						

Photo 3 of 3 : UCIP_SP_2017_25006_45084.jpg



Concrete U shaped headwall on LS toe.

LM Start	4.72	Rating **	M	Issue No.	19
LM End	4.72	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.318462 °	38.318462 °
				-121.744535 °	-121.744535 °
DWR ID	DWR_RD2104_01_s_2013_19				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Note and monitor erosion site					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	4.77	Rating **	M	Issue No.	53
LM End	4.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.318685 °	38.318685 °
				-121.745368 °	-121.745368 °
DWR ID	DWR_RD2104_01_s _ 2013_53				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

No Photos

LM Start	4.88	Rating **	M	Issue No.	24
LM End	4.88	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.319559 °	38.319559 °
				-121.747085 °	-121.747085 °
DWR ID	DWR_RD2104_01_s _ 2012_24				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Note and monitor the erosion site.					

No Photos

LM Start	4.90	Rating **	M	Issue No.	29
LM End	4.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.319812 °	38.319812 °
				-121.747434 °	-121.747434 °
DWR ID	DWR_RD2104_01_s _ 2012_29				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Note and monitor erosion site.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	5.04	Rating **	M	Issue No.	41
LM End	5.04	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.321582 °	38.321582 °
				-121.748546 °	-121.748546 °
DWR ID	DWR_RD2104_01_s _ 2012_41				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Note and monitor the erosion site.					

No Photos

LM Start	5.05	Rating **	M	Issue No.	55
LM End	5.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.321719 °	38.322666 °
				-121.748556 °	-121.748448 °
DWR ID	DWR_RD2104_01_s _ 2013_55				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Note and monitor erosion site on the landside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	5.09	Rating **	U	Issue No.	129
LM End	5.09	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.322215 °	38.322215 °
				-121.748418 °	-121.748418 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51460 DS_ID:24701 EP_NO: 10182 Repair Type: Urgent Crossing Status: Found UCIP Comments: 12/06/2016 same as last inspection--pipe remains "Urgent" CMP shows holes through wall and concrete headwall is undermined. Need to contact owner. Owner will need to work with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)12/04/2013 Footing under headwall on WS toe severely undermined. Pipe rusted heavily with holes at WS and may need replacement. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 24-inch corrugated metal drainage pipe (permit recordation list 24-inch pipe and USACE O&M manual references a 18-inch pipe) through levee, 13 feet below crown. Two cutoff walls. Concrete "U" headwalls located on both waterside (WS) and landside (LS) ends. Flap gate located on the WS. (24-inch pipe authorized under Automatic Board Order (ABO) issued as Permit No. 10182 - Machado). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual Unit 108, April 1964, As-built drawing no. 50-04-3379 (HLM 5.06)]. FS Date: 12/6/2016					

LM Start	5.09	Rating **	U	Issue No.	129 (cont)
LM End	5.09	Issue Type +	En	Location *	LS

Photo 1 of 3 : UCIP_SP_2017_51460_45090.jpg



Concrete U-shaped headwall on WS toe. Note erosion scarp around headwall.

Photo 2 of 3 : UCIP_SP_2017_51460_45089.jpg



Headwall undermined on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Levee Inspection Report By Mile - Spring 2017

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

Photo 3 of 3 : UCIP_SP_2017_51460_45088.jpg



Corrosion through pipe with holes on WS toe.

Photo 1 of 1 : SP_2017_RD2104_249_73_20170404_00005.jpg



Repair this gate at levee mile 5.72.

* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	5.35	Rating **	M	Issue No.	33
LM End	5.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.323595 °	38.323730 °
				-121.752295 °	-121.752430 °
DWR ID	DWR_RD2104_01_s_2012_33				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Note and mmoonitor the erosion site.					

No Photos

LM Start	6.84	Rating **	U	Issue No.	130
LM End	6.84	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.308404 °	38.308404 °
				-121.758585 °	-121.758585 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:51461 DS_ID:24699 EP_NO: 10184 Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: 12/06/2016 No indicators were found. According to LMA representative, the gas line has been abandoned and markers have been removed about 10-15 years ago. Solano County was performing work on the LS toe approximately 700 feet from LS toe and according to their underground service alert (USA) survey completed for their construction site no PGE line was identified. Need to contact owner to determine abandoned as-builts for 8-inch line. (O. Magana - DWR UCIP)12/04/2013 Pump station visible to north on LS toe. Good indicator of location. Need PG+E to mark pipe location. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 8-inch iron gas line through levee, 2 feet below crown. (8-inch gas line authorized under Automatic Board Order (ABO) issued as Permit No. 10184, 1975 - Pacific Gas and Electric Co. [PG&E]; 8-inch gas line first referenced in the USACE O&M as-builts from 1956). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual Unit 108, April 1964, As-built drawing no. 50-04-3379A sheet 3379/2, page 2 of 7 (near STA 82+30, HLM 7.38)]. FS Date: 12/6/2016					

Photo 1 of 3 : UCIP_SP_2017_51461_76913.jpg



No signs present at ramp to enter RD2104.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2017

Reclamation District No. 2104 Peters Pocket Tract

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Cache Slough/Unit No. 02 Haas Slough	Left	6.85	04/12/2017 04/12/2017	Herman Phillips

LM Start	6.84	Rating **	U	Issue No.	130 (cont)
LM End	6.84	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.308404 °	38.308404 °
				-121.758585 °	-121.758585 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:51461
DS_ID:24699
EP_NO: 10184
Repair Type: Urgent
Crossing Status: Indicator Found
UCIP Comments: 12/06/2016 No indicators were found. According to LMA representative, the gas line has been abandoned and markers have been removed about 10-15 years ago. Solano County was performing work on the LS toe approximately 700 feet from LS toe and according to their underground service alert (USA) survey completed for their construction site no PGE line was identified. Need to contact owner to determine abandoned as-builts for 8-inch line. (O. Magana - DWR UCIP)12/04/2013 Pump station visible to north on LS toe. Good indicator of location. Need PG+E to mark pipe location. (W. Wylie - DWR UCIP)
FIELD_STRUCT_DESC: 8-inch iron gas line through levee, 2 feet below crown. (8-inch gas line authorized under Automatic Board Order (ABO) issued as Permit No. 10184, 1975 - Pacific Gas and Electric Co. [PG&E]; 8-inch gas line first referenced in the USACE O&M as-builts from 1956). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual Unit 108, April 1964, As-built drawing no. 50-04-3379A sheet 3379/2, page 2 of 7 (near STA 82+30, HLM 7.38)].
FS Date: 12/6/2016

LM Start	6.84	Rating **	U	Issue No.	130 (cont)
LM End	6.84	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_SP_2017_51461_76914.jpg



No signs present of gas line.

Photo 3 of 3 : UCIP_SP_2017_51461_76915.jpg



Photo of where the line is estimated to cross on LS.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	